

Amendments to the Specification

Please replace the first two paragraphs of page 3 with the following amended two paragraphs:

One ~~exemplary~~exemplary KIAA clone that is ~~upregulated~~ up-regulated in the presence of androgen is KIAA 18. The KIAA 18 clone encodes a protein that is a member of the transglutaminase-like superfamily. Transglutaminase catalyzes the acyl transfer reaction between peptide-bound glutamine residues and primary amine groups. With the exception of a few family members, such as, plasma factor XIIIa, keratinocyte transglutaminase, and epidermal transglutaminase, the function of transglutaminase (and the genes that encode for it) remains largely unknown. The present study demonstrated that KIAA 18 expression was up-regulated in LNCaP cancer cells in the presence of androgen. KIAA 18 may be ~~used~~ is associated with cell growth regulation including tumor development.

One ~~exemplary~~exemplary KIAA clone that is down-regulated in the presence of androgen, is KIAA ~~18~~ 96. The KIAA 96 clone encodes a protein that appears to be a serine-threonine kinase which shares a high homology with SNF1-related proteins. The expression of KIAA 96 was down-regulated by androgen in LNCaP prostate cancer cells, suggesting that KIAA 96 levels may increase in patients in response to androgen ablation therapy. In addition, subsequent tissue analysis showed that KIAA 96 levels increased with tumor grade. KIAA 96 may be involved in cellular proliferation of recurrent tumors and may be a target for anticancer drug development.